Amendments to the Specification

Please replace the two paragraphs beginning at page 21, line 21 with the following amended paragraphs:

Monodisperse polystyrene particles were prepared using an emulsion polymerization procedure. The resulting particle diameters were measured to be 159 nm with a Brookhaven BI-90 dynamic light scattering apparatus. The particles were dialyzed against de-ionized water for about 30 hours at 60°C and then shaken with Bio-Rad™ AG 501-X8 mixed bed ion exchange resin. The cleaned suspensions were stored in Nalgene™ bottles to minimize contamination from ionic impurities. Matrix precursors and all other materials utilized were supplied by either Fisher Scientific or the Aldrich Chemical Company.

The CCA composites were injected between quartz or glass plates separated by a spacer of about 125 μm, and then polymerized in situ with a Blak-Ray™ UV lamp (Model B-100A). Extinction spectra were collected on a Shimadzu™ UV3101 UV/VIS/NIR spectrophotometer with the incident light normal to the plate surface. Reflectance spectra were obtained using a GreTag MacBeth™ CE741 UFV/VIS goniospectrometer.